Aeronautics Educator Guide				
2006 Science				
Content Standards				
Idaho Science				
Grade 2				
Activity/Lesson	State	Standards		
Air Engines (12-16)	ID	SCI.2.2.S.1.2.1	Make observations, record and interpret data.	
Air Engines (12-16)	ID	SCI.2.2.S.1.3.1	Measure in standard and non-standard units.	
Air Engines (12-16)	ID	SCI.2.2.S.1.6.2	Make observations.	
Air Engines (12-16)	ID	SCI.2.2.S.1.6.1	Identify questions to be investigated.	
Air Engines (12-16)	ID	SCI.2.2.S.1.6.4	Communicate observations.	
			Explain how force affects the position and	
Air Engines (12-16)	ID	SCI.2.2.S.2.2.1	motion of objects.	
Rotor Motor (69-75)	ID	SCI.2.2.S.1.2.1	Make observations, record and interpret data.	
Where is North? The				
Compass Can Tell Us				
(87-90)	ID	SCI.2.2.S.1.2.1	Make observations, record and interpret data.	
Where is North? The			, , , , , , , , , , , , , , , , , , , ,	
Compass Can Tell Us				
(87-90)	ID	SCI.2.2.S.1.6.1	Identify questions to be investigated.	
We Can Fly, You and		001121210111011	lacining queens to be investigated.	
I: Interdisciplinary				
Learning (107-108)	ID	SCI.2.2.S.1.2.1	Make observations, record and interpret data.	
Dunked Napkin (17-		331.2.2.3.1.2.1	make observatione, receive and interpret data.	
22)	ID	SCI.2.2.S.1.2.1	Make observations, record and interpret data.	
Dunked Napkin (17-		001.2.2.0.1.2.1	make observations, reserva and interpret data.	
22)	ID	SCI.2.2.S.1.6.1	Identify questions to be investigated.	
Dunked Napkin (17-		001.2.2.0.1.0.1	laciting questions to be investigated.	
22)	ID	SCI.2.2.S.1.6.3	Analyze information and evidence.	
Dunked Napkin (17-		001.2.2.0.1.0.0	7 mary 20 mormation and evidence.	
22)	ID	SCI.2.2.S.2.1.1	List properties of an object.	
Dunked Napkin (17-		001.2.2.0.2.1.1	Identify tools people have invented for everyday	
22)	ID	SCI.2.2.S.5.2.1	life and for scientific investigations.	
Paper Bag Mask (23-		301.2.2.3.3.2.1	ine and for scientific investigations.	
28)	ID	SCI.2.2.S.1.3.1	Measure in standard and non-standard units.	
Paper Bag Mask (23-		001.2.2.0.1.0.1	incasare in standard and non-standard units.	
28)	ID	SCI 2 2 S 1 5 1	Identify shape and use of objects.	
Paper Bag Mask (23-		301.2.2.3.1.3.1	identify shape and use of objects.	
28)	ID	SCI.2.2.S.1.6.1	Identify questions to be investigated.	
Paper Bag Mask (23-		301.2.2.3.1.0.1	identify questions to be investigated.	
28)	ID	SCI.2.2.S.1.8.1	Follow multi-step instructions.	
Wind in Your Socks)	טון	301.2.2.3.1.8.1	Pollow Hulli-step instructions.	
(29-35)	ID	SCI.2.2.S.1.2.1	Make observations, record and interpret data.	
	טון	301.2.2.3.1.2.1	iviane observations, record and interpret data.	
Wind in Your Socks)	ID	CCI 2 2 C 4 2 4	Magazire in standard and non standard write	
(29-35)	ID	SCI.2.2.S.1.3.1	Measure in standard and non-standard units.	
Wind in Your Socks)	ID	001000460	Make checonations	
(29-35)	ID	SCI.2.2.S.1.6.2	Make observations.	
Wind in Your Socks)	ID	001000404	Identify questions to be investigated	
(29-35)	ID	SCI.2.2.S.1.6.1	Identify questions to be investigated.	
Wind in Your Socks)	lD.	001000404	Communicate chaomaticas	
(29-35)	ID	SCI.2.2.S.1.6.4	Communicate observations.	
Wind in Your Socks)	lD.	001000111	Describe the characteristics of different weather	
(29-35)	ID	SCI.2.2.S.4.1.1	conditions.	

Right Flight (52-59)	ID	SCI.2.2.S.1.2.1	Make observations, record and interpret data.		
Delta Wing Glider (60-					
68)	ID	SCI.2.2.S.1.2.1	Make observations, record and interpret data.		
		Acronquities Educat	tor Guido		
Aeronautics Educator Guide 2006 Science					
		Content Stand			
Idaho Science		Content Stand	arus		
Grade 3					
Activity/Lesson	State	Standards			
Air Engines (12-16)	ID	SCI.3.3.S.1.2.1	Make observations, collect data and evaluate it.		
Air Engines (12-16)	ID	SCI.3.3.S.1.3.1	Measure changes that occur.		
All Eligines (12-10)	טוו	301.3.3.3.1.3.1	Identify questions that can be answered by		
Air Engines (12 16)	ID	SCI.3.3.S.1.6.1	conducting scientific tests.		
Air Engines (12-16)	ID	SCI.3.3.S.2.1.1			
Air Engines (12-16)	טון	301.3.3.3.2.1.1	Use instruments to measure properties.		
Deter Meter (CO 75)	ID.	601226464	Identify questions that can be answered by		
Rotor Motor (69-75) Making Time Fly (80-	ID	SCI.3.3.S.1.6.1	conducting scientific tests.		
, ,	ID.	001220467	Communicate the results of tests to others.		
86) Where is North? The	ID	SCI.3.3.S.1.6.7	Communicate the results of tests to others.		
			Identify averations that are be appropriately		
Compass Can Tell Us	ID.	001000404	Identify questions that can be answered by		
(87-90)	ID	SCI.3.3.S.1.6.1	conducting scientific tests.		
Let's Build a Table Top	I.D.	001000100	Dealisate and dealers and dele		
Airport (91-96)	ID	SCI.3.3.S.1.2.2	Replicate and/or use models.		
We Can Fly, You and					
I: Interdisciplinary					
Learning (107-108)	ID	SCI.3.3.S.1.2.2	Replicate and/or use models.		
Dunked Napkin (17-					
22)	ID	SCI.3.3.S.1.2.1	Make observations, collect data and evaluate it.		
Dunked Napkin (17-		001000101	Identify questions that can be answered by		
22)	ID	SCI.3.3.S.1.6.1	conducting scientific tests.		
Dunked Napkin (17-		001000101			
22)	ID	SCI.3.3.S.1.6.4	Use data to construct a reasonable explanation.		
Dunked Napkin (17-		001000105			
22)	ID	SCI.3.3.S.1.6.5	Make simple predictions based on data.		
Dunked Napkin (17-		001000011			
22)	ID	SCI.3.3.S.2.1.1	Use instruments to measure properties.		
Paper Bag Mask (23-					
28)	ID	SCI.3.3.S.1.3.1	Measure changes that occur.		
Paper Bag Mask (23-		001000151	Describe the relationship between shape and		
28)	ID	SCI.3.3.S.1.5.1	use.		
Paper Bag Mask (23-	lib.	001000101	Identify questions that can be answered by		
28)	ID	SCI.3.3.S.1.6.1	conducting scientific tests.		
Paper Bag Mask (23-					
28)	ID	SCI.3.3.S.1.6.5	Make simple predictions based on data.		
Paper Bag Mask (23-	lib.	00100010	Identify the physical properties of solids, liquids,		
28)	ID	SCI.3.3.S.2.1.2	and gases.		
Paper Bag Mask (23-	lib.	0010001	Use Sections and a		
28)	ID	SCI.3.3.S.2.1.1	Use instruments to measure properties.		
Wind in Your Socks)	lib.	001000101	Mala abasasakan Buduk bi kacamatan		
(29-35)	ID	SCI.3.3.S.1.2.1	Make observations, collect data and evaluate it.		
Wind in Your Socks)		00100010			
(29-35)	ID	SCI.3.3.S.1.3.1	Measure changes that occur.		

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Wind in Your Socks)	ID	CCI 2 2 C 1 C 1	Identify questions that can be answered by
(29-35)	ID	SCI.3.3.S.1.6.1	conducting scientific tests.
Wind in Your Socks)			Use appropriate tools and techniques to gather
(29-35)	ID	SCI.3.3.S.1.6.3	and display data.
Wind in Your Socks)			
(29-35)	ID	SCI.3.3.S.1.6.4	Use data to construct a reasonable explanation.
Wind in Your Socks)			
(29-35)	ID	SCI.3.3.S.2.1.1	Use instruments to measure properties.
(2000)			Identify questions that can be answered by
Bag Balloons (40-43)	ID	SCI.3.3.S.1.6.1	conducting scientific tests.
Bay Balloons (40-43)	טו	301.3.3.3.1.0.1	
B B II (40.40)	ID.		Explain that heating and cooling can cause
Bag Balloons (40-43)	ID	SCI.3.3.S.2.1.3	changes of state in common materials.
			Identify questions that can be answered by
Sled Kite (44-51)	ID	SCI.3.3.S.1.6.1	conducting scientific tests.
Sled Kite (44-51)	ID	SCI.3.3.S.2.1.1	Use instruments to measure properties.
Right Flight (52-59)	ID	SCI.3.3.S.1.2.2	Replicate and/or use models.
Right Flight (52-59)	ID	SCI.3.3.S.1.6.5	Make simple predictions based on data.
Delta Wing Glider (60-		001.0.0.0.110.0	make emple predictions based on data.
68)	ID	SCI.3.3.S.1.2.2	Replicate and/or use models.
	וט	301.3.3.3.1.2.2	Replicate and/or use models.
Delta Wing Glider (60-	ID.	001000105	
68)	ID	SCI.3.3.S.1.6.5	Make simple predictions based on data.
	Aer	onautics Educat	or Guide
		2006 Science	9
		Content Standa	nrds
Idaho Science			
Grade 4			
Activity/Lesson	State	Standards	
, , , , , , , , , , , , , , , , , , ,	-		Make and record observations then analyze and
Air Engines (12 16)	ID	SCI 4 4 S 1 2 1	Make and record observations then analyze and
Air Engines (12-16)	ID	SCI.4.4.S.1.2.1	communicate the collected data.
Air Engines (12-16) Air Engines (12-16)	ID ID	SCI.4.4.S.1.2.1 SCI.4.4.S.1.2.2	communicate the collected data. Define observations and inferences.
Air Engines (12-16)	ID	SCI.4.4.S.1.2.2	communicate the collected data. Define observations and inferences. Describe how changes occur and can be
			communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured.
Air Engines (12-16)	ID	SCI.4.4.S.1.2.2	communicate the collected data. Define observations and inferences. Describe how changes occur and can be
Air Engines (12-16)	ID	SCI.4.4.S.1.2.2	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured.
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16)	ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests.
Air Engines (12-16) Air Engines (12-16)	ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16)	ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16)	ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data.
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Rotor Motor (69-75)	ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.2.1.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16)	ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data.
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75)	ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.2.1.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by
Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary	ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.2.1.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests.
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75)	ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.2.1.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by
Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary	ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.2.1.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests.
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79)	ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.6.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data.
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79) Making Time Fly (80-	ID ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.2.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data. Make and record observations then analyze and communicate the collected data.
Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79) Making Time Fly (80-86)	ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.6.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data. Make and record observations then analyze and communicate the collected data.
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79) Making Time Fly (80-86) Making Time Fly (80-	ID ID ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.2.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data. Make and record observations then analyze and communicate the collected data. Communicate the results of tests to others in
Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79) Making Time Fly (80-86) Making Time Fly (80-86)	ID ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.2.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data. Make and record observations then analyze and communicate the collected data.
Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79) Making Time Fly (80-86) Making Time Fly (80-86) Where is North? The	ID ID ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.2.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data. Make and record observations then analyze and communicate the collected data. Communicate the results of tests to others in
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79) Making Time Fly (80-86) Making Time Fly (80-86) Where is North? The Compass Can Tell Us	ID ID ID ID ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.6.1 SCI.4.4.S.1.6.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data. Make and record observations then analyze and communicate the collected data. Communicate the results of tests to others in multiple formats.
Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79) Making Time Fly (80-86) Making Time Fly (80-86) Where is North? The	ID ID ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.2.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data. Make and record observations then analyze and communicate the collected data. Communicate the results of tests to others in
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79) Making Time Fly (80-86) Making Time Fly (80-86) Where is North? The Compass Can Tell Us	ID ID ID ID ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.6.1 SCI.4.4.S.1.6.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data. Make and record observations then analyze and communicate the collected data. Communicate the results of tests to others in multiple formats.
Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79) Making Time Fly (80-86) Making Time Fly (80-	ID ID ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.2.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data. Make and record observations then analyze and communicate the collected data. Communicate the results of tests to others in
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79) Making Time Fly (80-86) Making Time Fly (80-86) Where is North? The Compass Can Tell Us (87-90)	ID ID ID ID ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.6.1 SCI.4.4.S.1.6.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data. Make and record observations then analyze and communicate the collected data. Communicate the results of tests to others in multiple formats.
Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Air Engines (12-16) Rotor Motor (69-75) Rotor Motor (69-75) Flight: Interdisciplinary Learning Activities (76-79) Making Time Fly (80-86) Making Time Fly (80-86) Where is North? The Compass Can Tell Us (87-90)	ID ID ID ID ID ID ID ID ID	SCI.4.4.S.1.2.2 SCI.4.4.S.1.3.1 SCI.4.4.S.1.6.1 SCI.4.4.S.2.1.1 SCI.4.4.S.1.2.1 SCI.4.4.S.1.6.1 SCI.4.4.S.1.6.1	communicate the collected data. Define observations and inferences. Describe how changes occur and can be measured. Write questions that can be answered by conducting scientific tests. Use instruments to measure properties Make and record observations then analyze and communicate the collected data. Write questions that can be answered by conducting scientific tests. Make and record observations then analyze and communicate the collected data. Make and record observations then analyze and communicate the collected data. Communicate the results of tests to others in multiple formats.

	I		
We Can Fly, You and			
I: Interdisciplinary			Make and record observations then analyze and
Learning (107-108)	ID	SCI.4.4.S.1.2.1	communicate the collected data.
We Can Fly, You and			
I: Interdisciplinary			
Learning (107-108)	ID	SCI.4.4.S.1.2.3	Make, describe and/or use models.
Dunked Napkin (17-			Make and record observations then analyze and
22)	ID	SCI.4.4.S.1.2.1	communicate the collected data.
Dunked Napkin (17-			Write questions that can be answered by
22)	ID	SCI.4.4.S.1.6.1	conducting scientific tests.
Dunked Napkin (17-			
22)	ID	SCI.4.4.S.1.6.4	Use data to construct a reasonable explanation.
Dunked Napkin (17-			
22)	ID	SCI.4.4.S.1.6.5	Make predictions based on data.
Dunked Napkin (17-			Describe the physical properties of solids,
22)	ID	SCI.4.4.S.2.1.2	liquids, and gases.
Dunked Napkin (17-			1 7 5
22)	ID	SCI.4.4.S.2.1.1	Use instruments to measure properties
Paper Bag Mask (23-			под при
28)	ID	SCI.4.4.S.1.2.2	Define observations and inferences.
Paper Bag Mask (23-			Describe how changes occur and can be
28)	ID	SCI.4.4.S.1.3.1	measured.
Paper Bag Mask (23-		001.1.1.0.1.0.1	induction.
28)	ID	SCI.4.4.S.1.5.1	Explain the relationship between shape and use.
Paper Bag Mask (23-		001.4.4.0.1.0.1	Explain the relationship between shape and use.
28)	ID	SCI.4.4.S.1.6.5	Make predictions based on data.
Paper Bag Mask (23-		001.4.4.0.1.0.0	Describe the physical properties of solids,
28)	ID	SCI.4.4.S.2.1.2	liquids, and gases.
Paper Bag Mask (23-		001.4.4.0.2.1.2	iliquius, and gases.
28)	ID	SCI.4.4.S.2.1.1	Use instruments to measure properties
Wind in Your Socks)		301.4.4.3.2.1.1	Make and record observations then analyze and
(29-35)	ID	SCI.4.4.S.1.2.1	communicate the collected data.
Wind in Your Socks)		001.4.4.0.1.2.1	communicate the conected data.
(29-35)	ID	SCI.4.4.S.1.2.2	Define observations and inferences.
Wind in Your Socks)	טו	301.4.4.3.1.2.2	Describe how changes occur and can be
(29-35)	ID	SCI.4.4.S.1.3.1	measured.
Wind in Your Socks)	טו	301.4.4.3.1.3.1	Write questions that can be answered by
,	ID	SCI.4.4.S.1.6.1	
(29-35)	טו	301.4.4.3.1.0.1	conducting scientific tests.
Wind in Your Socks)	ID.	001440463	Use appropriate tools and techniques to gather
(29-35)	ID	SCI.4.4.S.1.6.3	and display data.
Wind in Your Socks)	ID.	001440404	Handata ta annaturat a managarita annian ation
(29-35)	ID	SCI.4.4.S.1.6.4	Use data to construct a reasonable explanation.
Wind in Your Socks)			
(29-35)	ID	SCI.4.4.S.2.1.1	Use instruments to measure properties
			Write questions that can be answered by
Bag Balloons (40-43)	ID	SCI.4.4.S.1.6.1	conducting scientific tests.
			Explain the changes caused by heating and
Bag Balloons (40-43)	ID	SCI.4.4.S.2.1.3	cooling materials.
			Write questions that can be answered by
Sled Kite (44-51)	ID	SCI.4.4.S.1.6.1	conducting scientific tests.
Sled Kite (44-51)	ID	SCI.4.4.S.2.1.1	Use instruments to measure properties
Right Flight (52-59)	ID	SCI.4.4.S.1.2.2	Define observations and inferences.
Right Flight (52-59)	ID	SCI.4.4.S.1.2.3	Make, describe and/or use models.

Right Flight (52-59)	ID	SCI.4.4.S.1.6.5	Make predictions based on data.
Delta Wing Glider (60-			
68)	ID	SCI.4.4.S.1.2.2	Define observations and inferences.
Delta Wing Glider (60-			
68)	ID	SCI.4.4.S.1.2.3	Make, describe and/or use models.
Delta Wing Glider (60-			
68)	ID	SCI.4.4.S.1.6.5	Make predictions based on data.